

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980DATE: 07/22/97
TIME: 07:37:35

INPUT SET: S19126.raw

187 Schwaab

This Raw Listing contains the General Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Weiner, Amy J.
Houghton, Michael(ii) TITLE OF INVENTION: Conserved Motif of Hepatitis C Virus
E2/NS1 Region

(iii) NUMBER OF SEQUENCES: 133

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Chiron Corporation
(B) STREET: 4560 Horton Street
(C) CITY: Emeryville
(D) STATE: CA
(E) COUNTRY: USA
(F) ZIP: 94608-2916

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/823,980
(B) FILING DATE: 25-MAR-1997
(C) CLASSIFICATION: 424

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US/08/757,958
(B) FILING DATE:(A) APPLICATION NUMBER: US 08/061,699
(B) FILING DATE: 12-MAY-1993

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Goldman, Kenneth M.
(B) REGISTRATION NUMBER: 34,174
(C) REFERENCE/DOCKET NUMBER: 0938.001

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 510-601-2719
(B) TELEFAX: 510-655-3542

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980DATE: 07/22/97
TIME: 07:37:40

INPUT SET: S19126.raw

47
48
49 (2) INFORMATION FOR SEQ ID NO:1:
50
51 (i) SEQUENCE CHARACTERISTICS:
52 (A) LENGTH: 6 amino acids
53 (B) TYPE: amino acid
54 (C) STRANDEDNESS: single
55 (D) TOPOLOGY: linear
56
57 (ii) MOLECULE TYPE: peptide
58
59
60 (ix) FEATURE:
61 (A) NAME/KEY: Xaa
62 (B) LOCATION: 1
63 (D) OTHER INFORMATION: /label= variable
64 /note= "Represents Ala, Arg, Asp, Gly, Lys, Ser,
65 or Thr"
66
67 (ix) FEATURE:
68 (A) NAME/KEY: Xaa
69 (B) LOCATION: 2
70 (D) OTHER INFORMATION: /label= variable
71 /note= "Represents Ile, Leu, Met, Phe or Trp"
72
73 (ix) FEATURE:
74 (A) NAME/KEY: Xaa
75 (B) LOCATION: 3
76 (D) OTHER INFORMATION: /label= variable
77 /note= "Represents Leu or Phe"
78
79 (ix) FEATURE:
80 (A) NAME/KEY: Xaa
81 (B) LOCATION: 6
82 (D) OTHER INFORMATION: /label= variable
83 /note= "Represents Ala or Gly"
84
85
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
87
88 Xaa Xaa Xaa Xaa Xaa Xaa
89 1 5
90
91 (2) INFORMATION FOR SEQ ID NO:2:
92
93 (i) SEQUENCE CHARACTERISTICS:
94 (A) LENGTH: 32 amino acids
95 (B) TYPE: amino acid
96 (C) STRANDEDNESS: single
97 (D) TOPOLOGY: linear
98
99 (ii) MOLECULE TYPE: peptide

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980DATE: 07/22/97
TIME: 07:37:43

INPUT SET: S19126.raw

100
101 (ix) FEATURE:
102 (A) NAME/KEY: Xaa
103 (B) LOCATION: 2
104 (D) OTHER INFORMATION: /label= Xaa=Ahe
105 /note= 2-amino heptanoic is butyl alanine
106
107
108 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
109
110 Cys Xaa Glu Thr His Val Thr Gly Gly Ser Ala Gly His Thr Val Ser
111 1 5 10 15
112
113 Gly Phe Val Ser Leu Leu Ala Pro Gly Ala Lys Gln Asn Val Gln Leu
114 20 25 30
115
116 (2) INFORMATION FOR SEQ ID NO:3:
117
118 (i) SEQUENCE CHARACTERISTICS:
119 (A) LENGTH: 5 amino acids
120 (B) TYPE: amino acid
121 (C) STRANDEDNESS: single
122 (D) TOPOLOGY: linear
123
124 (ii) MOLECULE TYPE: peptide
125
126
127
128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
129
130 Val Ser Leu Leu Ala
131 1 5
132
133 (2) INFORMATION FOR SEQ ID NO:4:
134
135 (i) SEQUENCE CHARACTERISTICS:
136 (A) LENGTH: 7 amino acids
137 (B) TYPE: amino acid
138 (C) STRANDEDNESS: single
139 (D) TOPOLOGY: linear
140
141 (ii) MOLECULE TYPE: peptide
142
143
144
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
146
147 Ser Leu Leu Ala Pro Gly Ala
148 1 5 4
149
150 (2) INFORMATION FOR SEQ ID NO:5:
151
152 (i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980DATE: 07/22/97
TIME: 07:37:46

INPUT SET: S19126.raw

153 (A) LENGTH: 5 amino acids
154 (B) TYPE: amino acid
155 (C) STRANDEDNESS: single
156 (D) TOPOLOGY: linear
157
158 (ii) MOLECULE TYPE: peptide
159
160
161
162 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
163
164 Leu Ala Pro Gly Ala
165 1 5
166
167 (2) INFORMATION FOR SEQ ID NO:6:
168
169 (i) SEQUENCE CHARACTERISTICS:
170 (A) LENGTH: 7 amino acids
171 (B) TYPE: amino acid
172 (C) STRANDEDNESS: single
173 (D) TOPOLOGY: linear
174
175 (ii) MOLECULE TYPE: peptide
176
177
178 (ix) FEATURE:
179 (A) NAME/KEY: Xaa
180 (B) LOCATION: 7
181 (D) OTHER INFORMATION: /label= variable
182 /note= "Represents Ala, Pro or Ser"
183
184
185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
186
187 Ser Leu Leu Xaa Xaa Gly Xaa
188 1 5
189
190 (2) INFORMATION FOR SEQ ID NO:7:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 7 amino acids
194 (B) TYPE: amino acid
195 (C) STRANDEDNESS: single
196 (D) TOPOLOGY: linear
197
198 (ii) MOLECULE TYPE: peptide
199
200
201 (ix) FEATURE: 4
202 (A) NAME/KEY: Xaa
203 (B) LOCATION: 7
204 (D) OTHER INFORMATION: /label= variable
205 /note= "Represents Ala, Pro or Ser"

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/823,980DATE: 07/22/97
TIME: 07:37:50

INPUT SET: S19126.raw

206
207
208 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
209
210 Ser Leu Phe Xaa Xaa Gly Xaa
211 1 5
212
213
214 (2) INFORMATION FOR SEQ ID NO:8:
215
216 (i) SEQUENCE CHARACTERISTICS:
217 (A) LENGTH: 31 amino acids
218 (B) TYPE: amino acid
219 (C) STRANDEDNESS: single
220 (D) TOPOLOGY: linear
221
222 (ii) MOLECULE TYPE: peptide
223
224
225
226
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
228
229 Xaa Thr Xaa Val Thr Gly Gly Xaa Ala Ala Arg Thr Thr Xaa Gly Xaa
230 1 5 10 15
231
232 Xaa Ser Leu Phe Xaa Xaa Gly Xaa Ser Gln Xaa Ile Gln Leu Ile
233 20 25 30
234
235
236 (2) INFORMATION FOR SEQ ID NO:9:
237
238 (i) SEQUENCE CHARACTERISTICS:
239 (A) LENGTH: 31 amino acids
240 (B) TYPE: amino acid
241 (C) STRANDEDNESS: single
242 (D) TOPOLOGY: linear
243
244 (ii) MOLECULE TYPE: peptide
245
246
247
248
249 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
250
251 Ala Thr Tyr Ala Thr Gly Ala Ala Gln Gly His Ala Thr Asn Ser Phe
252 1 5 10 15
253
254 Val Ser Leu Phe Arg Ser Gly Ala Ser Gln Asn Leu Lys Leu Val
255 20 25 30
256
257 (2) INFORMATION FOR SEQ ID NO:10:
258

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/823,980

DATE: 07/22/97
TIME: 07:37:53

INPUT SET: S19126.raw

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